

**§ 669. Research and related activities****(a) Authority of Secretary of Health and Human Services to conduct research, experiments, and demonstrations, develop plans, establish criteria, promulgate regulations, authorize programs, and publish results and industry-wide studies; consultations**

(1) The Secretary of Health and Human Services, after consultation with the Secretary and with other appropriate Federal departments or agencies, shall conduct (directly or by grants or contracts) research, experiments, and demonstrations relating to occupational safety and health, including studies of psychological factors involved, and relating to innovative methods, techniques, and approaches for dealing with occupational safety and health problems.

(2) The Secretary of Health and Human Services shall from time to time consult with the Secretary in order to develop specific plans for such research, demonstrations, and experiments as are necessary to produce criteria, including criteria identifying toxic substances, enabling the Secretary to meet his responsibility for the formulation of safety and health standards under this chapter; and the Secretary of Health and Human Services, on the basis of such research, demonstrations, and experiments and any other information available to him, shall develop and publish at least annually such criteria as will effectuate the purposes of this chapter.

(3) The Secretary of Health and Human Services, on the basis of such research, demonstrations, and experiments, and any other information available to him, shall develop criteria dealing with toxic materials and harmful physical agents and substances which will describe exposure levels that are safe for various periods of employment, including but not limited to the exposure levels at which no employee will suffer impaired health or functional capacities or diminished life expectancy as a result of his work experience.

(4) The Secretary of Health and Human Services shall also conduct special research, experiments, and demonstrations relating to occupational safety and health as are necessary to explore new problems, including those created by new technology in occupational safety and health, which may require ameliorative action beyond that which is otherwise provided for in the operating provisions of this chapter. The Secretary of Health and Human Services shall also conduct research into the motivational and behavioral factors relating to the field of occupational safety and health.

(5) The Secretary of Health and Human Services, in order to comply with his responsibilities under paragraph (2), and in order to develop needed information regarding potentially toxic substances or harmful physical agents, may prescribe regulations requiring employers to measure, record, and make reports on the exposure of employees to substances or physical agents which the Secretary of Health and Human Services reasonably believes may endanger the health or safety of employees. The Secretary of Health and Human Services also is authorized to establish such programs of medical examina-

tions and tests as may be necessary for determining the incidence of occupational illnesses and the susceptibility of employees to such illnesses. Nothing in this or any other provision of this chapter shall be deemed to authorize or require medical examination, immunization, or treatment for those who object thereto on religious grounds, except where such is necessary for the protection of the health or safety of others. Upon the request of any employer who is required to measure and record exposure of employees to substances or physical agents as provided under this subsection, the Secretary of Health and Human Services shall furnish full financial or other assistance to such employer for the purpose of defraying any additional expense incurred by him in carrying out the measuring and recording as provided in this subsection.

(6) The Secretary of Health and Human Services shall publish within six months of December 29, 1970, and thereafter as needed but at least annually a list of all known toxic substances by generic family or other useful grouping, and the concentrations at which such toxicity is known to occur. He shall determine following a written request by any employer or authorized representative of employees, specifying with reasonable particularity the grounds on which the request is made, whether any substance normally found in the place of employment has potentially toxic effects in such concentrations as used or found; and shall submit such determination both to employers and affected employees as soon as possible. If the Secretary of Health and Human Services determines that any substance is potentially toxic at the concentrations in which it is used or found in a place of employment, and such substance is not covered by an occupational safety or health standard promulgated under section 655 of this title, the Secretary of Health and Human Services shall immediately submit such determination to the Secretary, together with all pertinent criteria.

(7) Within two years of December 29, 1970, and annually thereafter the Secretary of Health and Human Services shall conduct and publish industrywide studies of the effect of chronic or low-level exposure to industrial materials, processes, and stresses on the potential for illness, disease, or loss of functional capacity in aging adults.

**(b) Authority of Secretary of Health and Human Services to make inspections and question employers and employees**

The Secretary of Health and Human Services is authorized to make inspections and question employers and employees as provided in section 657 of this title in order to carry out his functions and responsibilities under this section.

**(c) Contracting authority of Secretary of Labor; cooperation between Secretary of Labor and Secretary of Health and Human Services**

The Secretary is authorized to enter into contracts, agreements, or other arrangements with appropriate public agencies or private organizations for the purpose of conducting studies relating to his responsibilities under this chapter. In carrying out his responsibilities under this subsection, the Secretary shall cooperate with the Secretary of Health and Human Services in

order to avoid any duplication of efforts under this section.

**(d) Dissemination of information to interested parties**

Information obtained by the Secretary and the Secretary of Health and Human Services under this section shall be disseminated by the Secretary to employers and employees and organizations thereof.

**(e) Delegation of functions of Secretary of Health and Human Services to Director of the National Institute for Occupational Safety and Health**

The functions of the Secretary of Health and Human Services under this chapter shall, to the extent feasible, be delegated to the Director of the National Institute for Occupational Safety and Health established by section 671 of this title.

(Pub. L. 91-596, §20, Dec. 29, 1970, 84 Stat. 1610; Pub. L. 96-88, title V, §509(b), Oct. 17, 1979, 93 Stat. 695.)

CHANGE OF NAME

"Secretary of Health and Human Services" substituted in text for "Secretary of Health, Education, and Welfare" pursuant to section 509(b) of Pub. L. 96-88 which is classified to section 3508(b) of Title 20, Education.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 671 of this title.

**§ 670. Training and employee education**

**(a) Authority of Secretary of Health and Human Services to conduct education and informational programs; consultations**

The Secretary of Health and Human Services, after consultation with the Secretary and with other appropriate Federal departments and agencies, shall conduct, directly or by grants or contracts (1) education programs to provide an adequate supply of qualified personnel to carry out the purposes of this chapter, and (2) informational programs on the importance of and proper use of adequate safety and health equipment.

**(b) Authority of Secretary of Labor to conduct short-term training of personnel**

The Secretary is also authorized to conduct, directly or by grants or contracts, short-term training of personnel engaged in work related to his responsibilities under this chapter.

**(c) Authority of Secretary of Labor to establish and supervise education and training programs and consult and advise interested parties**

The Secretary, in consultation with the Secretary of Health and Human Services, shall (1) provide for the establishment and supervision of programs for the education and training of employers and employees in the recognition, avoidance, and prevention of unsafe or unhealthful working conditions in employments covered by this chapter, and (2) consult with and advise employers and employees, and organizations representing employers and employees as to effective means of preventing occupational injuries and illnesses.

**(d) Compliance assistance program**

(1) The Secretary shall establish and support cooperative agreements with the States under which employers subject to this chapter may consult with State personnel with respect to—

(A) the application of occupational safety and health requirements under this chapter or under State plans approved under section 667 of this title; and

(B) voluntary efforts that employers may undertake to establish and maintain safe and healthful employment and places of employment.

Such agreements may provide, as a condition of receiving funds under such agreements, for contributions by States towards meeting the costs of such agreements.

(2) Pursuant to such agreements the State shall provide on-site consultation at the employer's worksite to employers who request such assistance. The State may also provide other education and training programs for employers and employees in the State. The State shall ensure that on-site consultations conducted pursuant to such agreements include provision for the participation by employees.

(3) Activities under this subsection shall be conducted independently of any enforcement activity. If an employer fails to take immediate action to eliminate employee exposure to an imminent danger identified in a consultation or fails to correct a serious hazard so identified within a reasonable time, a report shall be made to the appropriate enforcement authority for such action as is appropriate.

(4) The Secretary shall, by regulation after notice and opportunity for comment, establish rules under which an employer—

(A) which requests and undergoes an on-site consultative visit provided under this subsection;

(B) which corrects the hazards that have been identified during the visit within the time frames established by the State and agrees to request a subsequent consultative visit if major changes in working conditions or work processes occur which introduce new hazards in the workplace; and

(C) which is implementing procedures for regularly identifying and preventing hazards regulated under this chapter and maintains appropriate involvement of, and training for, management and non-management employees in achieving safe and healthful working conditions,

may be exempt from an inspection (except an inspection requested under section 657(f) of this title or an inspection to determine the cause of a workplace accident which resulted in the death of one or more employees or hospitalization for three or more employees) for a period of 1 year from the closing of the consultative visit.

(5) A State shall provide worksite consultations under paragraph (2) at the request of an employer. Priority in scheduling such consultations shall be assigned to requests from small businesses which are in higher hazard industries or have the most hazardous conditions at issue in the request.

(Pub. L. 91-596, §21, Dec. 29, 1970, 84 Stat. 1612; Pub. L. 96-88, title V, §509(b), Oct. 17, 1979, 93